Structure of LCP1 and alignments of domains

consensus 71 LCP1 97 1SPP_B 69 gi 1345609 822 gi 1168684 552 gi 5912464 1836 gi 2498677 97 gi 2055303 90 gi 1899042 590 gi 704441 74	5912464 17 2498677 2055303 1899042 5 704441	CUB domain consensus 1 LCP1 26 1SPP_B 9 gi 1345609 752 qi 1168684 484	FIG. 1A LCP1 (729 a.a.) FIG. 1B
71 LLGRFCG-SELPDPIISSSSNSMTVTFVSDSSVQKRGFSARYSAV 114 97 EIGKYCG1GLQMNHSIESKGNEITLLFMSGIHVSGRGFLASYSVI 141 69 SYGKLCA-GAAIVFLSTA-NTMTIKYNRISGNSSSPFLIYFYGS 110 62 VLGRFCG-SKkPEPVLATG-NRMFLRFYSDNSVQRKGFQASHSTE 864 63 IDMKMCG-REY		10 20 30 40 50 60 70 80* *	.) CUB LCCL DSD/FA58C

		2/13		
gi 12053227 gi 7387581 gi 12644458 gi 704441 gi 913964 gi 6624095	#	gi 7387581 gi 12644458 gi 704441 gi 913964 gi 6624095	consensus LCP1 gi 12053227 gi 12002311 gi 12002311 gi 12002327	FIG. 1C LCCL domain
356 VPFFVKSERHGVQSL 370 94 QENYPAVHANGIQSQ 108 100 RENYSSVDANGIQSQ 114 194 IPYYESSLANNVTSV 208 462 YSDFLGSDLNGIKSE 476 110 QSGYKGSYSNGVQSL 124	QPYYIGSLANGIQSE IPYYESSLANNVTSV KKTYVGSLRNGVQSE KHYFIKSNRNGIQTI RKTYIASFQNGIFSE		1 QAVTCDTKALDLCKPVTDCNRVHCPAGCLLPKAKVFGTIVYASLSSICRAAVHAGVIDNTSGGAVDVVRVGG 72 1 QAVTCDTKALDLCKPVTDCNRVHCPAGCLLPKAKVFGTIVYASLSSICRAAVHAGVIDNTSGGAVDVVRVGG 72 145 dlitcldtasnflepefskycpagcllpfakisgtiphgyrdssplcmagvhagvvsntlggQisvviskg 215 387 QDLDCYTTVAQLCpfeKPATHCPAHCKDEPsywAPVFGTNIYADTSSICKTAVHAGVISNESGGDVDVMPVDK 464 291 QIVSCEVRLRDQCKGTT-CNRYECPAGCLDSKAKVIGSVHYEMQSSICRAAIHYGIIDND-GGWVDITRQGR 360 392 QAVTCETTVEQLCpfhKPASHCPRVYCPRNCMQANphyARVIGTRVYSDLSSICRAAVHAGVVRNH-GGYVDVMPVDK 468 286 QVVRCDTKMKDRCKGST-CNRYQCPAGCLNHKAKIFGTLFYESSSSICRAAIHYGILDDK-GGLVDITRNGK 355	10 20 30 40 5

3/13	
Consensus LCP1 1CZT_A 1D7P_M gi 2547128 gi 2506380 gi 127058 gi 2623894 gi 704441 Consensus LCP1 1CZT_A 1D7P_M gi 2547128 gi 2547128 gi 2545493 gi 2645493 gi 2645493 gi 2663894 gi 704441	FIG. 1D DSD/FA58C domain Consensus 1 PLGME LCP1 249 ELGME 1CZT_A 5 PLGME 1D7P_M 7 PLGME gi 2547128 280 PLGME gi 2506380 233 PLGLE gi 127058 311 PLGLE gi 2645493 2035 PLGME gi 2623894 322 PLGME gi 704441 228 TLGME
90 100 110 120 130 140 150 160 *	C domain 10 20 30 40 50 60 70 80 1 PLGMESG-RIPDSQITASSS

Structure of the LCP gene (Chr. 3q12.1)

ORF 1962 bp, 653 a.a, 71.7 kD		ame	Open Reading Frame		
	13 14 15	9 10 11 12	3 45678	2	
mRNA 1962 bp					LCP2
ORF 2190 bp, 729 a.a, 80.3 kD		ame	Open Reading Frame		4,
mRNA 2280 bp				□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	/13 CCP1
		AC016962.27	AC01		AC091213.8

FIG. 2

₹95 €9T	X AAG	2 TĐA	F TTC	E GVG	q TOO	E GAA	J TTG	TTT	И ТАА	S	A ADĐ	T TDA	GYC
222	ĐJJ	Tet	TDA	TTA	ATO	TAĐ	AAD	AAA	TAĐ	ATA	TTĐ	TOT	DAT
OST	T	5	T	I	T	D	ŏ	K	α	I	Λ	S	X
98₹ ८६ፒ	S TCA	A ၁၁៦	LLG	F	Đ AĐĐ	cec K	Đ AĐĐ	S TCT	VGTT	H TAD	I DTA	Đ AĐĐ	2 TĐA
ረ የ የ	ĐTA	DTT	CLG	ĐLL	ACA	DTA	AAĐ		CCC	AAA	ADT	AAĐ	TTA
154	М	된	Г	ч	Т	I	E	N	Ð	K	S	3	I
₹08 ТТТ	S ADT	H TAD	N DAA	M ĐTA	Q AAD	I TTG	555 5	r CIG	Đ TĐĐ	D TĐT	Y DAT	X AAA	299 9
69E 86	I ATA	E GAA	T TDA	Я AÐA	s DĐ4	V GTC	Đ AĐĐ	I TTA	Ð ÆÐÐ	И ТАА	Y TAT	I TTA	Я AĐĀ
330 330	l 5TT	Y DAT	И ТАА		H DAD	D TGT		Д ТАЭ	S	Д ТАĐ	E GAA	I TTA	D GPC
762 762	Ŧ TTT	D SAS	Đ TĐĐ	F	K K	I DTA	cac צ	V TTĐ	A AĐA	E GAG	Đ AĐĐ	M ĐTA	X ĐAA
252 65	V ATĐ	R CGT	I DTA	G¥G	M TGG	E GAA	D TĐT	V TTĐ	T TDA	s DĐA	N DAA	CCC	Y TAT
513 4e	T DDA	Q Đ A D	g A⊃⊃	Y DAT	И ЭАА	I ATA	s SST	T ADA	L CTT	T DDA	Ð ÆÐÐ	2 TĐA	E GAG
₽∠ፒ εε	q TDD	299 9	J ATD	V ATĐ	T TDA	H SAS	Ð ÆÐÐ	D TĐT	Ð ÆÐÐ	Д ТАĐ	Đ TĐĐ	Q AAD	Q ĐAD
732 70	A SSS	Ð ÆÐÐ	A TDĐ	D G&C	E GAG	r CTC	r CTG	r CTG	CIC	r STS	V GTC	L	J ATT
96 L	r STS	r CTG	r CTC	F TTC	r CTG	q TDD	M ĐTA	spqs	וכבבכ	ccfc	tect	೧೮೪೦೦	асғо
7.	2000							50500	.666			5555	5006

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384 7221	Я AÐA	I TTA	F	Я СGT	A ADĐ	I TTA	I TTA	q ADD	g CCA	r TIG	F	N DAA	N TAA
3811		V	a	Q	H	Y	Д	X	N	Ð	Q	A	I
148	СGT	ĐTĐ	Tađ	Đ A D	SAS	TAT	ТАЭ	K	DAA	AÐÐ	AAD	TŢT	ATA
67TT	X	Д	Q	E	Λ	Đ	P	E	я	Y	V	T	W
858	Đ AA	ТАĐ	AAD	G¥G	GTG	TĐĐ	CCT	E	AĐA	DAT	GTG	TDA	TGG
0111	X	Q	999	Д	Д	2	Y	CLG	I	Я	Y	A	S
5#8	AAA	Đ A D	9	ТАÐ	ТАÐ	TĐA	DAT		DTA	AÐA	DAT	၁၁၅	TOT
332	V	Y	Y	И	H	E	V	M	T	S	Đ	T	T
701	9TĐ	TAT	DAT	ТАА	SĄS	G¥G	9T9	ĐTA	DDA	DDT	AĐĐ	TDA	DDA
250I	I	I	ວອອ	T	I	X	X	a	X	И	I	Д	I
615	ATA	TTA	ອ	ADA	ATA	AAA	AAG	aađ	ĐAA	ТАА	TTG	ТАĐ	ATA
E66	Q	J	M	Q	Y	Э	Д	T	.A	F	A	A	M
90E	AAD	ATT	TGG	G¥G	DAT	ДАÐ	ТАЭ	TDA	⊃⊃Đ		TDĐ	TDĐ	TGG
82₹	q	cce	Ð	q	X	X	L	Я	A	X		ವವವ	X
583	TDD	5	∀ÐÐ	TDD	AAA	AAA	CTG	ĐĐ¥	၁၁၅	AAA	KAA	T	AAA
916	W	S	N	E	Q	მმე	T	H	a	T	W	E	CLG
380	TGG	TĐA	DAA	G¥G	AAD	მ	ADA	DAD	G¥C	TDA	ĐĐT	G¥G	
9 <i>L</i> 8	V	S	S	A	T	I	Q	GCT	Д	A	I	V	Đ
<i>L</i> 97	ĐTĐ	TOT	ADT	ADĐ	ADA	ATA	AAD		ТАЭ	ĐጋĐ	DTA	9T9	TĐĐ
758 754	S TOT	E G¥G	M ĐTA	999 9	CLG	T ADA	Đ AĐĐ	Y TAT	D TĐT	Ð	2 TĐA	T ADA	K Y
867	A	T	A	CLL	2	T	S	J	H	Ð	V	V	2
141	TTT	ADA	TTT		TĐA	ADA	TCT	ATT	SAS	₩ÐÐ	ĐTĐ	etg	TOT
822	T	V	N	N	A	L	S	2	a	Y	Y	ವವವ	I
822	ADA	STĐ	DAA	DAA	TDĐ	TTG	TCT	TĐA	aad	TAT	TAT	T	TTA
07 <i>L</i> 512	Đ TĐĐ								Q GAA				T ĐጋA
202 202	И ЭАА								Đ TĐĐ			D DDT	
Z † 9 383	g GCA								q TDD			₽ ₩₽Đ	
ε09 9 <i>L</i> Τ	I ATA												

676T	H	Y	V	E	Q	999	q	2	N	Y	q	Д	J
8T9	CAT	TAT	TTĐ	GAA	BAD	9	GCA	ADT	DAA	DAT	TOO	ТАЭ	ATD
068T	D	A	Y	299	A	a	X	Đ	E	E	g	X	A
S09	GAC	ADĐ	TAT	9	ADĐ	GAA	AAA	ÆĐĐ	GYY	GAA	GCA	AAA	TTT
1981	T	S	Я	Q	H	L	T	Đ	V	I	Đ	Ð	V
265	DDA	TOT	A ĐA	AAD	TAD	TTD	ADA	TĐĐ	GTT	TTA	AĐĐ	ÆÐÐ	ATĐ
2181	r	g	Q	A	Y	E	A	S	D	A	Q	r	V
649	CTG	A⊃⊃	Đ A D	TDĐ	TAT		ADĐ	TOT	DÆĐ	TDĐ	SAS	CTG	GTG
€८८ T	T	T	V	E	Я	₽	2	L	H	И	V	E	s
995	ADA	DDA	STĐ	GAA	АӘА	GCA	TĐA		DAD	ТАА	TTĐ	GAA	၁၅४
∌ ε∠τ	s	2	Y	CGC	V	g	T	E	E	H	a	V	A
εss	⊃ĐÆ	⊃ĐÆ	TAT		GTT	GCA	DDA	GAA	GAG	TAD	Sas	STS	ADĐ
569T	X	A	q	r	A	Q	X	M	Ð	K	W	W	Đ
0†S	AAA	ADĐ	TDD	CLL	TTT	G¥C	ĐAA	ĐTA	ÆÐÐ	AAA		DDT	TĐĐ
7626	A	cee	D	M	Y	q	J	D	Y	T	299	E	T
722	ADĐ	¥	GAC		DAT	CCT	ATT	GAC	TAT	DDA	9	GAA	TDA
∠191	К	K	K	A	N	Я	W	H	M	A	D	V	J
₩15	К	AAA	W	DA	DAA	АӘА	ĐĐT	SAS	TGG	TDĐ	TĐT	9T9	ATT
84ST	I	r	I	T	T	T	T	V	M	V	r	V	q
10S	ATA	CIC	TTA	CTC	TDA	TDA	CTC	STĐ	ĐTA	OTĐ	CLG	eTG	TDD
7236 788	V GTC	CLL	V GTT	A ADĐ	A TDĐ	CIG	A ĐĐĐ	V ATĐ	Д ТАĐ	K K	T DDA	V ATĐ	N TAA
00ST	GC∀	T	V	T	T	И	Я	I	Д	q	2	A	T
SL V		TDA	ATĐ	DDA	TDA	ТАА	АӘА	DTA	ТАĐ	TDD	TĐA	၁၁၅	TDA
T9#T	T	Q	E	T	Ğ	A	q	A	a	N	2	2	CGC
Z9#	ADA	AAD	GYY	ADA		ADĐ	TDD	TTT	Gaa	TAA	⊃Đ¥	TĐA	K
22#I	q	Q	J	₫	Q	T	TTT	К	g	A	Я	Đ	X
6##	TDD	AAD	ATD	GCA	GAA	ĐጋA		ААА	GCA	၁၁၅	ТĐЭ	TĐĐ	AAA
5851	A	I	X	q	q	A	T	T	N	K	I	G	И
95₽	DDĐ	ATA	AAA	ADD	TDD	၁၁၅	ADA	TDA	DAA	K	CTC	D	ТАА
7344	s	И	CGG	q	q	₫	q	Q	T	CLL	K	q	q
453	⊃ĐÆ	ЭАА	K	TDD	TDD	GCA	TDD	GAD	TDA		AAA	GCA	TDD
50£T 0T₽	я сет	Đ TĐĐ	X AAA	q TDD	I TTA	TTT	Q ĐAD	D TDT	Đ AĐĐ	r STS	r CIG	G¥G	M ĐTA
99ZT	K	M	A	I	K	Q	g	W	Q	T	q	N	V
26E	K	DTA	၁၁၅	TTA	AAA	GYG	SAS	ĐĐI	GAA	DDA	TDD	TAA	STS

GAT GTT TTT AAA GAA ATC CTT TGA agatgatgctgcttt 2280 П Ε K F 130 Ι TOT AAD DOD TAD DOA ADD ADD ADT ATD AAD AAD ADA 2241 727 Э Ε Ð S Е 2202 60L S Ō đ Λ Ō X Λ П Ε D đ A ATO TOO ACC DAA DOD TOO AAA DOO OOA TAD TAT DAO OOD 2163 Q. G Ą K ď \mathbf{T} D 969 Ð K ADA CTC TCC AGG ACT GAC AGC TGC TCC TCC TCA GAC **5154** В S €83 Õ Э S D TAA DAT TOA ABB BTB ATD ADD DOD TOO AAD DAA BBB BDA 2082 G Λ П đ đ ď ð N Ð 049 N X \mathbf{T} 9707 TOD DAA OTT TOA OOT ADA OOT OOD DAD TOD TTO AOT TOA S T S đ ð Ð Λ **LS9** A К Ł T ADA DDD ADT BTA DAD BTA DTA DTA ADD DDA ADD 2007 Ι **ħ**₱9 Н Ð S М TAT 6A6 TOO 666 GOA TTA ACC CTA ACC TAT TOO TAT COS 896T TE9 X đ Ð \mathbf{T} Ι đ \mathbf{E}

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456 743	Y TAT	Y TAT	CCC	I	Đ TĐĐ	K AAA	2 TĐA	I TTA	V ATĐ	V GTT	2 TĐA	I DTA	Q AAD
360	299	299	TLG	T	N	S	V	V	Ð	A	H	V	Đ
330	9	9		ĐDA	DAA	ADT	GTG	ATĐ	ÆÐÐ	ADĐ	CAT	GTG	TĐĐ
TSE	A	M	D	TLG	₽	S	S	G	Я	Y	∙ Đ	H	g
LTT	TDĐ	ĐTA	DÐT		GCA	ĐOT	DDT	TAĐ	AÐA	TAT	ÆĐĐ	TAD	CCT
31S	I TTA	T ADA	Ð ÆÐÐ	S TCT	I ATA	E	A TDĐ	LLL	q TDD	L	r CTG	D TĐT	Đ TĐĐ
273	A	q	D	Y	X	2		H	q	E	J	F	N
273	TDĐ	ADD	DDT	DAT	Đ AA	TĐA	F	DAĐ	TDD	GAA	STT		TAA
87	S	A	T	G	I	D	T	I	J	Д	Q	X	Д
₽£2	DDT	ADĐ	TDA	D	TTG	TĐT	ACT	TTA	ATD	ТАЭ	AAD	AAA	ТАЭ
96T 9	I ATA	V GTT	S TOT	Y DAT	2 ADT	A ၁၁၅	L TTG	F TTT	Đ AĐĐ	CGC	Đ AĐĐ	S	V GTT
720 25	H TAD	I DTA	Ð ÆÐÐ	2 TĐA	M ĐTA	F TTC	r CIG	L	T ADA	I DTA	E	И ТАА	299 9
ΔΤΤ	X	S	E	I	S	H	N	M	Q	I	999	L	Đ
6ε	AAA	ADT	GAA	TTA	ADT	TAD	DAA	ĐTA	AAD	TTG	9	CTG	TĐĐ
97	D	Y	K	299	Q	Q	A	Ð	A	D	E	L	r
97	TĐT	DAT	AAA	9	AAD	S¥S	၁၁၅	¥ÐÐ	TDĐ	B		CTC	CIG
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338	r	X	g	q	R	Đ	X	GCT	I	F	Q	D	Đ
338	CIT	AAA	GCA	TDD	CGT	TĐĐ	AAA		TTA	TTT	Đ A D	TGT	AĐĐ
375	J	r	E	M	K	M	A	I	K	Ğ	Ğ	M	Q
375	STS	CTG		ĐTA	KAA	ĐTA	DDĐ	TTA	K	G¥C	Ö	TGG	AAD
315	T	q	N	V	Я	I	A	R	A	I	I	g	₫
315	DDA	TDD	TAA	GTG	AÐA	TTA	TTT	CGT	ADĐ	TTA	TTA	CCA	CC∌
468	I	A	N		Я	Λ	Д	Ŏ	H	Y	G	K	N
662	TTG	TTT	DAA		СGT	GLG	ТАЭ	C¥G	DAD	TAT	TÆÐ	K	DAA
828	Ð	Q	H	I		Д	Q	G¥G	V	Ð	q	E	Я
828	₩ÐÐ	GAA	TTT	ATA		ТАЭ	AAD	E	STS	TÐÐ	TDD	G¥G	A ÐA
813 813	Y DAT	V ĐTĐ	T TDA	M	K	Q SAS	999 9		TAĐ	2 TĐA	Y DAT	T CTG	I DTA
780 780	A AĐA	Y DAT	A DDĐ	S	V 9T9	Y TAT	Y DAT	N TAA	H SAS	G¥G	V GTG	M ĐTA	T DDA
747	S	Ð	T	T	I	I	299	T	I	X	X	E	K
747	DDT	ÆÐÐ	TDA	DDA	ATA	TTA	9	ADA	ATA	AAA	Đ AA	AAĐ	PAA
702	N	I	Д	I	Q			Q	Y	E	Д	T	A
703	TAA	TIG	ТАЭ	ATA	GAA	АТТ		C¥G	DAT	GAA	ТАЭ	TDA	၁၁၅
863	A	A	A	M	q	a	Đ	q	X	K	I	A	A
221	TTT	TDĐ	TDĐ		TDD	SCG	AĐĐ	TOO	AAA	AAA	STO	DDA	၁၁၅
508 80₹	X AAA	X AAA	CCC	X AAA	M	2 TĐA	N DAA	E GAG	Q AAD	666 6	T ADA	H SAS	D SAS
585 56T	T TDA	M	E	T CLG	V ete			A ADĐ	T ADA	I ATA	Q CAA	q TDD	П ТАЭ
785 2 4 6		I DTA						999 9	r CLG	T ADA	Đ AĐĐ	Y TAT	D TGT
L0S	Đ	2	T	y	A	T	F	CLL	2	T	S	J	H
69T	AĐĐ	TĐA	ADA	AAG	TTT	ADA	TTT		TĐA	ADA	TCT	ATT	SAS

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233	X	Ъ	D	Γ	D	A	X	Ð	A	ਬ	K	Ð	E
7260	E	g	X	F	T	S	Я	Q	H	CLT	T	Đ	V
220	GYY	CCA	AAA	TTT	DDA		AĐA	AAD	TAD	CTT	ADA	TĐĐ	GTT
1251	I	Đ	Đ	V	CIG	g	Q	A	Y	E	A	S	D
202	TTA	AĐĐ	AĐĐ	ATĐ		CCA	C¥G	TDĐ	TAT	G¥G	ADĐ	TCT	GAC
494	A	Q	r	Λ	T	T	V	E	Я	g	2	r	H
789T	TDĐ	C¥G	CTG		ADA	DDA	GTC	GAA	AÐA	GCA	TĐA	CTG	SAS
184	И	V	E	2	S	S	Y	CGC	V	g	T	E	E
187	ТАА	GTT	GAA	⊃ĐÆ	DÐÆ	DÐ¥	TAT	K	GTT	GCA	DDA	GAA	G¥G
₽0₽T	H	D	Λ	A	K	A	P	CLL	A	ğ	X	M	Ð
89₽	TAD	B	GTG	ADĐ	AAA	ADĐ	CCT		TTT	Gyd	Đ A A	ĐTA	₹ÐÐ
598T ₩22	X AAA	M	M	Đ GGT	A ADĐ	CGG K	G¥C	M TGG	Y SAT	g CCT	J ATT	D DÆĐ	Y TAT
1356 442	T DDA	299 9	E G Y Y	T TDA	K K	X AAA	X SAA	Я AÐA	N DAA	Я AÐA	M	H DAD	M
429	A	S	V	J	I	T	I	CTC	T	T	T	V	M
7887	TDĐ	TĐT	eTe	ATT	ATA	CTC	TTA		TDA	TDA	CTC	GTC	ĐTA
7548	V	r	V	q	V	r	CLL	A	A	CLG	A	V	G
476	GTC	CIG	GTG	TDD	GTC	CLL	A	ADĐ	TDĐ		ĐĐĐ	ATĐ	TAĐ
150∂	X	T	V	N	GC∌	T	V	T	T	И	Я	I	G
403	AAA	DDA	ATĐ	TAA		TDA	ATĐ	DDA	TDA	ТАА	AÐA	DTA	TAĐ
065 085		2 TĐA				Q AAD			Q Đ A D	A ADĐ		F	E GYY
1511 775		S DĐA									LLL		GC₽
760T ₹98	A ၁၁၅	R CGT	Đ TĐĐ		A ၁၁၅			₫ GCA			T ADA	T TጋA	N DAA
1023 121	X AAA	CIC		И ТАА		И ЭАА	CGG K	TCC	P	₽ GCA	g CCT	Q AAD	T TDA

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7967 ₹9										* AĐT	CLL P	I DTA	E GAA
096T	X	F	Λ	G	C	Э	999	G	Я	Ð	A	Đ	S
09	AAA	TTT	GLT	TAĐ	TGT	GAA	9	TÆÐ	ЭЭA	ÆÐÐ	ADĐ	AĐĐ	ADT
TT6T	V	я	Q	T	S	Q	g	V	Q	Y	V	r	E
LE9	ATĐ	Сър	CAA	ADA	DÐA	Đ A D	A⊃⊃	GTG	Đ A D	DAT	GTG	LLG	GAA
787	D	g	A	g	J	Đ	g	X	999	A	K	CCG	T
7875	DAĐ	GCA	၁၁၅	CCT	ATD	TĐĐ	GCA	AAG	9	TDĐ	AAA		DDA
EE8T	Д	Y	Q	A	Q	A	S	s	D	S	D	T	Я
TT9	ТАЭ	TAT	GYG	၁၁၅	Syd	၁၁၅	ADT	DDT	DÐT	DĐA	D A Đ	TDA	ĐĐA
₹6 <i>L</i> T 869	s DDT	L CTC	CLL	T ADA	И ТАА	Y DAT		Đ AĐĐ	V ƏTƏ	J ATD	₫ CC¥	CCC B	g CCT
SSLT	Q	N	999	T	A	K	F	T	S	T	s	CCC	Ø
S8S	AAD	DAA	9	ĐĐA	TDĐ	PAG	TTC	TDA	DDT	ADA	DDT	B	C¥G
272	Đ	V	2	T	T	CGG	H	999	S	M	D	M	I
572	TĐĐ		ADT	TDA	ADA	B	DAD	9	TCA	ĐTA	D¥Đ	ĐTA	DTA
<i>LL</i> 9T	I	q	T	A	Y	E	g	999	T	I	g	r	g
6SS	DTA	ADD	DDA	ADĐ	TAT	GYG	CCT	9	ĐጋA	TTA	GCA	CIC	GCA
7638	E	A	Y	A	H	Y		E	Q	999	g	2	N
546	G Y Y	TDĐ	TAT	DDĐ	TAD	TAT		GYY	Đ A D	9	GCA	ADT	DAA
66ST	DAT	TOO	TAĐ	ATD	SAĐ	ADĐ	TAT	cec	ADĐ	AAĐ	AAA	ADD	AAĐ

issue Expression profile of LCP

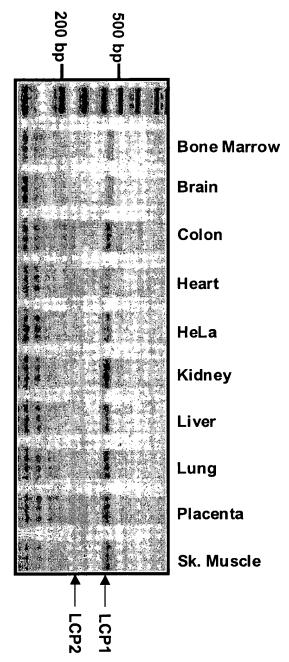


FIG. 5